AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for updating data at a backup system that tracks updates made to a primary system, the method comprising:

in response to receiving a first update request from an application, creating a first group including a first plurality of update requests, the first plurality of update requests including the first update request;

in response to receiving a second update request from the application prior to ~~completing~~ ending the formation of the first plurality of update requests, creating a second group including a second plurality of update requests, the second plurality of update requests including the second update request, the first update request of the first plurality of update requests in the first group having an order dependency relative to the second update request of the second plurality of update requests in the second group, with the update requests in each of the first and second groups capable of being processed concurrently and without regard for order relative to one another;

concurrently completing the first plurality of update requests of the first group; and

after concurrently completing the first plurality of update requests, concurrently completing the second plurality of update requests of the second group.

2. (Canceled)

3. (Previously Presented) The method of claim 1, wherein creating the first group further includes creating a group that includes a plurality of requests initiated at a plurality of applications.

4. (Previously Presented) The method of claim 1, wherein creating the first group further includes updating a count associated with a number of the first plurality of update requests.

5. (Canceled)

6. (Previously Presented) The method of claim 1, wherein creating the first group further includes updating a status indicative of whether the first group is active.

7. (Previously Presented) The method of claim 1, wherein creating the first group further includes assigning a group number to each update request of the first plurality of update requests.

8. (Previously Presented) The method of claim 1, wherein concurrently completing the first plurality of update requests further includes issuing an update request of the first plurality of update requests.

9. (Currently Amended) The method of claim 1, further comprising:
~~wherein creating the first group further includes~~ reading a group number from an update request.

10. (Previously Presented) The method of claim 1, wherein concurrently completing the first plurality of update requests further includes holding the second update request.

11. (Previously Presented) The method of claim 10, wherein concurrently completing the second plurality of update requests further includes releasing a hold on the second update request.

12. (Currently Amended) The method of claim 1, wherein creating the first group, creating the second group, concurrently completing the first plurality of update

requests and concurrently completing the second plurality of update requests further comprises creating the first group, creating the second group, concurrently completing the first plurality of update requests and concurrently completing the second plurality of update requests on the primary system.

13. (Currently Amended) The method of claim 1, wherein creating the first group, creating the second group, concurrently completing the first plurality of update requests and concurrently completing the second plurality of update requests further comprises creating the first group, creating the second group, concurrently completing the first plurality of update requests and concurrently completing the second plurality of update requests on the backup system.

14. (Currently Amended) A method for updating data at a backup system that tracks updates made to a primary system, the method comprising:
    synchronously processing a plurality of groups of update requests, a first update request from an application in a first group of update requests from among the plurality of groups having an order dependency relative to a second update request from the application in a second group of update requests from among the plurality of groups, with the update requests in each group being capable of being processed concurrently and without regard for order relative to one another, and wherein receipt of the second update request prior to ~~processing of the first update request~~ ending the formation of the first group initiates the creation of the second group of update requests; and
    asynchronously processing the update requests in each group.

15. (Previously Presented) The method of claim 14, wherein processing the plurality of update requests further includes holding the second update request of the second group from among the plurality of groups.

16. (Original) The method of claim 14, wherein processing the groups further includes assigning a group number to an update request of the plurality of update requests.

17. – 35. (Canceled)

36. (Previously Presented) The method of claim 1, further comprising after completing the first plurality of update requests, arranging the second plurality of update requests according to the order dependency.

37. (Canceled)

38. (New) An apparatus comprising:

a processor; and

a recordable type media encoded with program code communicating with the processor and configured to update data at a backup system that tracks updates made to a primary system by creating a first group including a first plurality of update requests in response to receiving a first update request from an application, the first plurality of update requests including the first update request, the program code further configured to create a second group including a second plurality of update requests in response to receiving a second update request from the application prior to ending the formation of the first plurality of update requests, the second plurality of update requests including the second update request and the first update request of the first plurality of update requests in the first group having an order dependency relative to the second update request of the second plurality of update requests in the second group, with the update requests in each of the first and second groups capable of being processed concurrently and without regard for order relative to one another, the program code further configured to concurrently complete the first plurality of update requests of the first group and, after completing the first plurality of update requests, concurrently complete the second plurality of updates requests of the second group.

39. (New) The apparatus of claim 38, wherein the recordable type media encoded with the program code resides on at least one of a backup system and a primary system,

and the backup system is peripheral from the primary system.

40. (New) The apparatus of claim 38, further comprising:

a memory accessible to the recordable type media encoded with the program code.

41. (New) The apparatus of claim 38, wherein the recordable type media encoded with the program code resides on the primary system.

42. (New) The apparatus of claim 38, wherein the recordable type media encoded with the program code resides on the backup system.

43. (New) The apparatus of claim 38, wherein the program code is further configured to create a group that includes a plurality of requests initiated at a plurality of applications.

44 (New) The apparatus of claim 38, wherein the program code is further configured to update a count associated with a number of the first plurality of update requests.

45. (New) The apparatus of claim 38, wherein the program code is further configured to update a status indicative of whether the first group is active.

46. (New) The apparatus of claim 38, wherein the program code is further configured to assign a group number to each update request of the first plurality of update requests.

47. (New) The apparatus of claim 38, wherein the program code is further configured to issue an update request of the first plurality of update requests.

48. (New) The apparatus of claim 38, wherein the program code is further configured to read a group number from an update request.

49. (New) The apparatus of claim 38, wherein the program code is further configured to hold the second update request.

50. (New) The apparatus of claim 49, wherein the program code is further configured to release a hold on the second update request.

51. (New) The apparatus of claim 38, wherein the program code is further configured to create the first group, create the second group, complete the first plurality of update requests and complete the second plurality of update requests on the primary system.

52. (New) The apparatus of claim 38, wherein the program code is further configured to create the first group, create the second group, concurrently complete the first plurality of update requests and concurrently complete the second plurality of update requests on the backup system.

53. (New) The apparatus of claim 38, wherein the program code is further configured to, after completing of the first plurality of update requests, arrange the second plurality of update requests according to the order dependency.

54. (New) An apparatus, comprising:
a processor; and
a recordable type media encoded with program code in communication with the processor and configured to update data at a backup system that tracks updates made to a primary system by synchronously processing a plurality of groups of update requests, a first update request from an application in a first group of update requests from among the plurality of groups having an order dependency relative to a second update request from the application in a second group of update requests from among the plurality of

groups, with the update requests in each group being capable of being processed concurrently and without regard for order relative to one another and wherein receipt of the second update request prior to ending the formation of the first group initiates the creation of the second group of update requests, the program code further configured to asynchronously process the update requests in each group.

55. (New) A program product, comprising:

program code in communication with at least one of a primary and backup system, the program code configured to create a first group including a first plurality of update requests in response to receiving a first update request from an application, the first plurality of update requests including the first update request, the program code further configured to create a second group including a second plurality of update requests in response to receiving a second update request from the application prior to ending the formation of the first plurality of update requests, the second plurality of update requests including the second update request and the first update request of the first plurality of update requests in the first group having an order dependency relative to the second update request of the second plurality of update requests in the second group, with the update requests in each of the first and second groups capable of being processed concurrently and without regard for order relative to one another, the program code further configured to concurrently complete the first plurality of update requests of the first group and, after completing the first plurality of update requests, concurrently complete the second plurality of updates requests of the second group; and

a recordable type, signal bearing medium bearing the program code.

56. (New) A program product, comprising:

program code in communication with at least one of a primary and backup system, the program code configured to update data at a backup system that tracks updates made to a primary system by synchronously processing a plurality of groups of update requests, a first update request from an application in a first group of update requests from among the plurality of groups having an order dependency relative to a second update request from the application in a second group of update requests from

among the plurality of groups, with the update requests in each group being capable of being processed concurrently and without regard for order relative to one another and wherein receipt of the second update request prior to ending the formation of the first group initiates the creation of the second group of update requests, the program code further configured to asynchronously process the update requests in each group; and

a recordable type, signal bearing medium bearing the program code.